Amendments to the Claims

1. (Currently Amended) ~~The use of compounds~~ A formulating lubricant for referigerating machines containing carbon dioxide as the refrigerant comprising a base oil of the formula 1

$$R^1\left[([CH_2]_k - O) - (A\text{-}O)_n - (B\text{-}O)_m - R^2\right]_q \qquad (1)$$

where

R^1 is a radical derived from resorcinol (1,3-dihydroxybenzene) or pyrogallol (1,2,3-trihydroxybenzene),

R^2	is hydrogen, C_1- to C_{18}-alkyl or C_6- to C_{18}-aryl
A	is an ethylene radical
B	is an isopropylene radical
k	is zero, 1 or 2
(n+m)	is a number from 3 to 20, where n is at least 1, and
q	is 2 or 3,
	and where, when m and n are both greater than zero, the sequence of ethylene and propylene units is random

~~as a base oil for formulating lubricants for refrigerating machines which contain carbon dioxide as the refrigerant~~.

2. (Currently Amended) The ~~use~~ formulating lubricant as claimed in claim 1, wherein the sum ~~(m+n)~~of m+n is from 3 to 9.

3. (Currently Amended) The ~~use~~ formualting lubricant as claimed in claim 1 ~~and/or 2~~, wherein R^2 is an alkyl radical having from 1 to 12 carbon atoms.

4. (Currently Amended) The ~~use~~ formulating additive as claimed in ~~one or more of claims 1 to 3~~claim 1, wherein m is zero.

5. (Currently Amended) The ~~use~~ formulating additive as claimed in ~~one or more of claims 1 to 4~~claim 1, wherein k is zero.

6. (Currently Amended) The ~~use~~ formulating additive as claimed in ~~one or more of claims 1 to 5~~claim 1, wherein R^2 is a C_1- to C_{18}-alkyl or C_6- to C_{18}-aryl group.

7. (Currently Amended) A method for operating a refrigerating machine using carbon dioxide as a refrigerating medium, ~~by~~ comprising the step of using a lubricant ~~compound~~ as defined in ~~one or more of claims 1 to 6 as a base oil for lubricants~~claim 1.

8. (New) A lubricant comprising a compound of the formula 1

$$R^1\left[([CH_2]_k - O) - (A\text{-}O)_n - (B\text{-}O)_m - R^2\right]_q \qquad (1)$$

where

R^1	is an aromatic radical having from 6 to 18 carbon atoms
R^2	is hydrogen, C_1- to C_{18}-alkyl or C_6- to C_{18}-aryl
A	is an ethylene radical
B	is an isopropylene radical
k	is zero, 1 or 2
(n+m)	is a number from 3 to 20, where n is at least 1, and
q	is 2, 3 or 4,
	and where, when m and n are both greater than zero, the sequence of ethylene and propylene units is random.